Improvements to roads and drains at Doddabettahalli Layout, Rajeevanagara, Chikkabettahalli Surrounding area, Ananthapura Surrounding area, Chitra Layout, Pulakeshinagar Layout, Jothinagar Surrounding area, Basavalingappanagara, Ananthapura Colony, Tanary road Attur Colony and Halenagara Village Colony in Ward No.03 Attur

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly								
	Qty Released from 2nd Bill Reserved Qty					175.89			
	Qty Paid upto 2nd part bill					13364.63			
	Total Qty					13540.52			
	Deduct Paid QTY					13364.63			
	Present Qty in 3rd bill					**175.89**	**Cum**	**217.43**	**38244.15**
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration								
	Vide pre-measurement page no.					550.03			
	Qty Paid upto 2nd part bill					1851.55			
	Total Qty					2401.59			
	Deduct Paid QTY					1851.55			
	Present Qty in 3rd bill					**550.03**	**Cum**	**5476.12**	**3012051.64**
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding								
	Qty Released from 2nd Bill Reserved Qty					18.04			
	Qty Paid upto 2nd part bill					3607.86			
	Total Qty					3625.89			
	Deduct Paid QTY					3607.86			
	Present Qty in 3rd bill					**18.04**	**Cum**	**7140.90**	**128805.45**

Asst. Engineer

Asst. Exec. Engineer

Asst. Executive Engineer
Project Division

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
4	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of								
	Qty Released from 2nd Bill Reserved Qty					0.77			
	Qty Paid upto 2nd part bill					221.35			
	Total Qty					222.13			
	Deduct Paid QTY					221.35			
	Total Qty					**0.77**	**Tn**	**74732.16**	**57804.10**
5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing including all lead and lifts and as per the direction of engineer in charge								
	Present Qty					0.00			
	Qty Paid upto 2nd part bill					7763.93			
	Total Qty					7763.93			
	Deduct Paid QTY					7763.93			
	Total Qty					**0.00**	**Sqm**	**2360.37**	**0.00**
6	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc,								
	Present Qty					0.00			
	Qty Paid upto 2nd part bill					310.62			
	Total Qty					310.62			
	Deduct Paid QTY					310.62			
	Total Qty					**0.00**	**Sqm**	**5472.18**	**0.00**
7	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed,								
	Present Qty					0.00			
	Qty Paid upto 2nd part bill					88.12			
	Total Qty					88.12			
	Deduct Paid QTY					88.12			
	Total Qty					**0.00**	**Cum**	**5804.79**	**0.00**

Consultant

Asst. Engineer

Asst. Exec. Engineer
Project Division
Yelahanka Zone

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting								
	Present Qty					0.00			
	Qty Paid upto 2nd part bill					9809.00			
	Total Qty					9809.00			
	Deduct Paid QTY					9809.00			
	Total Qty					**0.00**	**Nos**	**436.80**	**0.00**
9	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications including all lead and lifts and as per the								
	Present Qty					0.00			
	Qty Paid upto 2nd part bill					0.00			
	Total Qty					0.00			
	Deduct Paid QTY					0.00			
	Total Qty					**0.00**	**Nos**	**85.65**	**0.00**
10	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications								
	Vide pre-measurement page no.					1231.56			
	Qty Paid upto 2nd part bill					0.00			
	Total Qty					1231.56			
	Deduct Paid QTY					0.00			
	Total Qty					1231.56	**Cum**		
	Upto125%					423.70	**Cum**	**64.58**	**27362.29**
	Above 125%					807.86	**Cum**	**64.58**	**52171.02**
11	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.								
	Vide pre-measurement page no.					4105.20			
	Qty Paid upto 2nd part bill					0.00			
	Total Qty					4105.20			
	Deduct Paid QTY					0.00			
	Total Qty					4105.20	**Sqm**		
	Upto125%					1059.25	**Sqm**	**6.42**	**6804.20**
	Above 125%					3045.95	**Sqm**	**6.42**	**19565.93**

Consultant

Asst. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
12	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on								
	Vide pre-measurement page no.					615.78			
	Qty Paid upto 2nd part bill					0.00			
	Total Qty					615.78			
	Deduct Paid QTY					0.00			
	Total Qty					615.78	**Cum**		320143.0
	Upto125%					158.89	**Cum**	**2014.87**	**320137.53**
	Above 125%					456.89	**Cum**	**2014.87**	**920577.11**

920574.0

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project D...
Yelahanka Zone
BBMP, Bangalore

Asst. Exec. Enginee

9/11/202

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Improvements to roads and drains at Doddabettahalli Layout, Rajeevanagara, Chikkabettahalli Surrounding area, Ananthapura surrounding area, Chitra Layout, Pulakeshinagar Layout, Jothinagar Surrounding area, Basavalingappanagara, Ananthapura Colony, Tanary road Attur Colony and Halenagara Village Colony in Ward No.03 Attur

Detailed Measurements

Measurement Recorded On: 23-11-21, 20-11-21.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Constant	Quantity
13	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than								
	CC Road								
	Doddabettahalli								
	Near BBMP Office								
	Cross Road 01								
	Ch:0.00m to 15.00m	1	15.00	(5.15 + 5.10)/2	0.15	11.53			
	Ch:15.00m to 30.00m	1	15.00	(5.10 + 5.40)/2	0.15	11.81			
	Ch:30.00m to 45.00m	1	15.00	(5.40 + 5.50)/2	0.15	12.26			
	Ch:45.00m to 45.80m	1	0.80	(5.50 + 5.60)/2	0.15	0.67			
	Cross Road 02								
	Ch:0.00m to 14.20m	1	14.20	(6.30 + 4.40)/2	0.15	11.40			
	Ch:14.20m to 27.00m	1	12.80	(4.50 + 4.70)/2	0.15	8.83			
	Ch:27.00m to 30.00m	1	3.00	(2.60 + 3.00)/2	0.15	1.26			
	Ch:30.00m to 39.70m	1	9.70	(2.40 + 3.40)/2	0.15	4.22			
	Cross Road 03								
	Ch:0.00m to 15.00m	1	15.00	(3.40 + 2.90)/2	0.15	7.09			
	Ch:15.00m to 24.60m	1	9.60	(2.90 + 1.95)/2	0.15	3.49			
	Ch:24.60m to 29.60m	1	5.00	(1.95 + 3.10)/2	0.15	1.89			

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Asst. Engineer

28/11/21

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit		
	Ch:29.60m to 40.10m	1	10.50	(3.10 + 1.70)/2	0.15	3.78			
	Cross Road 04								
	Ch:0.00m to 7.20m	1	7.20	(2.30 + 3.00)/2	0.15	2.86			
	Ch:7.20m to 10.20m	1	3.00	(3.80 + 3.60)/2	0.15	1.67			
	Cross Road 05								
	Ch:0.00m to 2.50m	1	2.50	(2.10 + 2.30)/2	0.15	0.83			
	Ch:2.50m to 13.00m	1	10.50	(2.60 + 2.85)/2	0.15	4.29			
	Ch:13.00m to 19.80m	1	6.80	(4.10 + 3.90)/2	0.15	4.08			
	Ch:19.80m to 28.80m	1	9.00	(3.90 + 3.00)/2	0.15	4.66			
	Ch:28.80m to 38.60m	1	9.80	(4.70 + 4.50)/2	0.15	6.76			
	Ch:38.60m to 53.60m	1	15.00	(4.50 + 3.20)/2	0.15	8.66			
	Ch:53.60m to 68.60m	1	15.00	(3.20 + 2.30)/2	0.15	6.19			
	Ch:68.60m to 75.10m	1	6.50	(2.30 + 2.30)/2	0.15	2.24			
	Drain Gap								
	Ch:75.10m to 77.70m	1	2.60	(2.60 + 2.70)/2	0.15	1.03			
	Cross Road 06								
	Ch:0.00m to 15.00m	1	15.00	(2.50 + 3.10)/2	0.15	6.30			
	Ch:15.00m to 30.00m	1	15.00	(3.10 + 3.10)/2	0.15	6.98			
	Ch:30.00m to 43.00m	1	13.00	(3.10 + 2.70)/2	0.15	5.66			
	Drain Gap								
	Ch:43.00m to 58.00m	1	15.00	(4.40 + 4.30)/2	0.15	9.79			
	Ch:58.00m to 71.40m	1	13.40	(4.30 + 4.10)/2	0.15	8.44			
	Cross Road 07								
	Ch:0.00m to 8.10m	1	8.10	(1.20 + 1.20)/2	0.15	1.46			
	Ananthapura								

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer
28/4/21

Asst. Exec. Engineer
Project Division

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Discription of Item	No	Length	Breadth	Depth	Qty	Unit		
10th G Main Road								
Ch:0.00m to 30.00m	1	30.00	$\frac{7.40 + 7.05}{2}$	0.15	32.51			
Ch:30.00m to 60.00m	1	30.00	$\frac{7.05 + 7.20}{2}$	0.15	32.06			
Ch:60.00m to 90.00m	1	30.00	$\frac{7.20 + 7.10}{2}$	0.15	32.18			
Ch:90.00m to 120.00m	1	30.00	$\frac{7.10 + 6.35}{2}$	0.15	30.26			
Ch:120.00m to 150.00m	1	30.00	$\frac{6.35 + 7.10}{2}$	0.15	30.26			
Ch:150.00m to 180.00m	1	30.00	$\frac{7.10 + 7.00}{2}$	0.15	31.73			
Ch:180.00m to 210.00m	1	30.00	$\frac{7.00 + 6.90}{2}$	0.15	31.28			
Ch:210.00m to 240.00m	1	30.00	$\frac{6.90 + 7.20}{2}$	0.15	31.73			
Ch:240.00m to 249.20m	1	9.20	$\frac{7.20 + 7.20}{2}$	0.15	9.94			
1st Cross Road								
Ch:0.00m to 18.10m	1	18.10	$\frac{5.70 + 5.50}{2}$	0.15	15.20			
2nd Cross Road								
Ch:0.00m to 22.30m	1	22.30	$\frac{5.70 + 5.25}{2}$	0.15	18.31			
3rd Cross Road								
Ch:0.00m to 23.00m	1	23.00	$\frac{5.45 + 5.45}{2}$	0.15	18.80			
Jyothi Nivas House Road								
Ch:0.00m to 30.00m	1	30.00	$\frac{7.10 + 7.30}{2}$	0.15	32.40			
Ch:30.00m to 42.80m	1	12.80	$\frac{7.30 + 7.20}{2}$	0.15	13.92			
Guptha Nivas Mata House Road								
Ch:0.00m to 30.00m	1	30.00	$\frac{6.15 + 6.90}{2}$	0.15	29.36			
Ch:30.00m to 60.00m	1	30.00	$\frac{6.90 + 6.80}{2}$	0.15	30.83			
Ch:60.00m to 90.00m	1	30.00	$\frac{6.80 + 5.10}{2}$	0.15	26.78			
Ch:90.00m to 120.00m	1	30.00	$\frac{5.10 + 5.80}{2}$	0.15	24.53			

MOHAN KUMAR S.R. Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

28/11/21

Asst. Exec. Engineer

Project Division

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Discription of Item	No	Length	Breadth	Depth	Qty	Unit		
Ch.120.00m to 134.80m	1	14.80	5.80 + 6.60 / 2	0.15	13.76			
Ch.134.80m to 139.90m	1	5.10	5.80 + 5.80 / 2	0.15	4.44			
Deduct Manhole	-30	1.20	1.20	0.15	-6.48			
Sewerloading points	-120	0.40	0.40	0.15	-2.88			
Front of House Ramps	-17	9.00	1.10	0.15	-25.25			
				Present Qty	**615.78**	**Cum**		
				Qty Paid upto 2nd part bill	**0.00**	**Cum**		
				Total Qty	**615.78**	**Cum**		
				Deduct Paid QTY	**0.00**	**Cum**		
				Present Qty in 3rd bill	**615.78**	**Cum**		
				Upto 125%	**158.89**	**Cum**	**5263.07**	**836235.97**
				Above 125%	**456.89**	**Cum**	**5263.07**	**2404653.08**
							Total	**7826701.02**
							GST 12%	**939204.12**
							Grand Total	**8765905.15**

Asst. Engineer

Asst. Exec. Engineer

Consultant

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